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**APR 07 2006**

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7590 01/10/2006

**BACON & THOMAS, PLLC**  
625 Slaters Lane - 4th Floor  
Alexandria, VA 22314-1176  
Attn: Benjamin E. Urcia

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(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/781,291	02/13/2001	Jong Bum Na	EM/NA/6531	9466

**TITLE OF INVENTION: OPTIMAL HIGH-SPEED MULTI-RESOLUTION RETRIEVAL METHOD ON LARGE CAPACITY DATABASE**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$1000	04/10/2006
EXAMINER	ART UNIT	CLASS-SUBCLASS			
CORRIELUS, JEAN M	2162	707-100000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  
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 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list  
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 \_\_\_\_\_  
2 Bacon & Thomas, PLLC  
3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

**Korea Advanced Institute of  
Science and Technology**

(B) RESIDENCE: (CITY and STATE or COUNTRY) 84610-2006, REPUBLIC OF KOREA 00000130 09781291

01 FC:2501 700.00 OP  
Taejon, 305-7082 Republic of Korea 300.00 OP

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

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A check in the amount of the fee(s) is enclosed.  
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 The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 02-0200 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  
 b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Benjamin E. Urcia

Date 4/7/06

Typed or printed name Benjamin E. Urcia

Registration No. 33,805

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:  
SERIAL NO.: 09/781,291

JONG BUM NA ET AL

FILED: February 13, 2001

FOR: OPTIMAL HIGH-SPEED MULTI-RESOLUTION  
RETRIEVAL METHOD ON LARGE CAPACITY  
DATABASE

GROUP ART UNIT: 2162

EXAMINER: Jean M. CORRIELUS

ATTY. REFERENCE: NAJO3001/BEU

COMMISSIONER OF PATENTS  
P.O. Box 1450  
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*Sir:*

The below identified communication(s) or document(s) is(are) submitted in the above application or proceeding:

- |  |   |
|--|---|
| <input type="checkbox"/> Declaration       | <input type="checkbox"/> Assignment   |
| <input type="checkbox"/> Priority Document | <input checked="" type="checkbox"/> Check - \$1000 (\$700 -IF/\$300-Pub. Fee) |
| <input type="checkbox"/> Formal Drawings   | <input checked="" type="checkbox"/> Issue Fee Transmittal - Part B            |
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Please debit or credit **Deposit Account Number 02-0200** for any deficiency or surplus in connection with this communication. A duplicate copy of this sheet is provided for use by the Deposit Account Branch.

Small Entity Status is claimed.

23364  
Customer Number

**BACON & THOMAS, PLLC**  
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DATE: April 7, 2006*Respectfully submitted,*


Benjamin E. Urcia  
Attorney for Applicant  
Registration Number: 33,805